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To: Jennifer Manner, FCC Deputy Bureau Chief

From: Melodie Mayberry-Stewart, NYS Chief Information Officer / Director of CIO-OFT

Date: October 18, 2010

Re: 700MHz FCC Waiver Quarterly Status Report

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## **I. Planning**

### **Expected timing for development and issuance of any RFI/RFP**

The timing for issuing a RFI/RFP is dependent on identifying a funding source to support the build out of a statewide interoperable public safety network. The State has been in regular communication with adjacent jurisdictions regarding shared network cores and other elements of a fully interoperable network. There has been no change since the filing of our last quarterly report.

## **II. Funding**

New York State submitted a BTOP Round 2 grant application, proposing to deploy a 700 MHz wireless broadband network for public safety use to 57 counties outside of New York City for state and local government use. NTIA was required by the ARRA legislation to obligate grant funding by September 30, 2010. To date, only seven of the twenty-one waiver jurisdictions received grant funding for building 700MHz interoperable public safety networks. Neither New York State nor the City of New York was selected to receive BTOP funding.

## **III. Deployment**

The NYS Public Safety Interoperability Project proposes to deploy a 700MHz wireless broadband network for public safety use across 57 counties in New York State. When fully deployed, the network will provide wireless broadband data coverage to approximately 178,000 state and local emergency responders in 3,640 local, state and federal public safety entities.

The New York State project will employ Long Term Evolution (LTE) technology standard for mobile terrestrial networks using public safety's 700MHz wireless broadband spectrum made available through the waiver granted by the FCC. The project will leverage the existing state-owned "NYeNet" fiber optic network that runs throughout the state from Long Island to the Canadian border, and west

to Buffalo, to provide middle mile broadband service. With an expanded NYeNet, and existing county infrastructures, we are proposing efficient low-cost network construction to build last mile broadband service for their public safety users. The NYeNet is key to the project's success and integral to achieving speed to market. In addition, the network will be linked by three redundant and fully integrated network cores to provide necessary redundancy.

When complete, the network will support a variety of applications which public safety users can access during normal and emergency field operations. Applications include streaming video, digital imaging, automatic vehicle location, computer aided dispatching, e-mail, mapping/GIS, remote database access, report management system access, text messaging, telemetry/remote diagnostics, and web access. Central to the proposed solution is inter-county roaming support so authorized public safety users can successfully roam the network within any county participating in the broadband deployment.

The State has not purchased any equipment related to this network to date, and the status of the deployment remains unchanged from the previous reporting period.